pal Application No 03/00708 PC1

Relevant to claim No.

A. CLASSIFICATION OF SUBJECT MA IPC 7 A61K31/519 A C07D239/88 C07D495/04 A61K31/4725 A61K31/502 C07D237/32 C07D217/24 CO7D401/06 C07D471/04 CO7D491/04 //(C07D495/04,335:00,239:00),(C07D471/04,239:00, A61K31/517

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C07D A61K

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, BEILSTEIN Data

Citation of document, with indication, where appropriate, of the relevant passages

- 1			
Y	WO 98 33802 A (CALVERT ALAN H NEWCASTLE VENTURES LTD (GB); 6 August 1998 (1998-08-06) cited in the application the whole document	1–11	
Y	WO 99 11624 A (GUILFORD PHARM 11 March 1999 (1999-03-11) cited in the application see whole document, especiall of Z and R2,R3 or R6, and exa	1-11	
Y	WO 95 24379 A (CANCER RES CAM; GRIFFIN ROGER JOHN (GB); CAL 14 September 1995 (1995-09-14 cited in the application the whole document	VERT ALAN HI)	1-11
X Furt	her documents are listed in the continuation of box C.	Patent family members are listed	in annex.
"A" docume consic filing of the citatio of docume other "P" docume ther	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but than the priority date claimed	"T" later document published after the int or priority date and not in conflict will cited to understand the principle or the invention. "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the document of particular relevance; the cannot be considered to involve an indocument is combined with one or ments, such combination being obvious in the art. "&" document member of the same paten	claimed invention on the considered to considered to ocument is taken alone claimed invention nventive step when the lore other such docupous to a person skilled
Date of the	actual completion of the international search	Date of mailing of the international se	earch report
7	May 2003	14/05/2003	· · · · · · · · · · · · · · · · · · ·
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340–2040, Tx. 31 651 epo nl. Eax: (+31-70) 340–3016	Authorized officer Scruton-Evans, I	

Fax: (+31-70) 340-3016

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A. CLASSIF IPC 7	FICATION OF SUBJECT MATTER 221:00),(C07D491/04,311:00,239:0	0)		
4 dio a 10	o International Patent Classification (IPC) or to both national class	ification and IPC		
B. FIELDS				
Minimum do	ocumentation searched (classification system followed by classific	cation symbols)		
	lion searched other than minimum documentation to the extent th			
Electronic d	ata base consulted during the international search (name of data	base and, where practical, search term	ns used)	
C. DOCUMI	ENTS CONSIDERED TO BE RELEVANT		Delevent to claim No.	
Category °	Citation of document, with indication, where appropriate, of the	e relevant passages	Relevant to claim No.	
Y	EP 1 142 881 A (MEIJI SEIKA KA 10 October 2001 (2001-10-10) see general definition of R and eg 11 or 13	1		
Ρ,Υ	WO 02 48117 A (YAMAMOTO HIROFU KOUJI (JP); ISHIDA JUNYA (JP); 20 June 2002 (2002-06-20) the whole document	1-11		
Α	GB 1 331 522 A (BYK GULDEN LOM FAB) 26 September 1973 (1973-0 the whole document	1-11		
A	US 4 113 868 A (HERMANN NEE VO AL) 12 September 1978 (1978-09 the whole document	ROS JUDIT ET -12)	1-11	
1		-/		
X Fur	ther documents are listed in the continuation of box C.	X Patent family members a	are listed in annex.	
Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filling date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed		or priority date and not in col- cited to understand the princi invention "X" document of particular releva cannot be considered novel involve an inventive step wh "Y" document of particular releva cannot be considered to inventive step which the considered to inventive step which will be considered to inventive step will be considered to the step will be considered to	X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. 8* document member of the same patent family	
Date of the	e actual completion of the international search 7 May 2003	Date of mailing of the internal	ational search report	
L	d mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk	Authorized officer		
	NL - 2280 HV HISWIM Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Scruton-Evan	s, I	

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PC 03/00708

		PC 1 03/00/08	
C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.	
Category °	Citation of document, with indication, where appropriate, of the relevant passages		
4	GRIFFIN R J ET AL: "RESISTANCE MODIFYING AGENTS.5.SYNTHESIS AND BIOLOGICAL PROPERTIES OF QUINAZOLINONE INHIBITORS OF THE DNA REPAIR ENZYME POLY(ADP-RIBOSE) POLYMERASE (PARP)" JOURNAL OF MEDICINAL AND PHARMACEUTICAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. EASTON, US, vol. 41, 1998, pages 5247-5256, XP002208913 the whole document	1-11	
	·		
		·	
	. *		

1

ation on patent family members

PC 03/00708

 Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9833802	A	06-08-1998	AT AU DE EP WO JP US	223424 T 5873998 A 69807661 D1 0966476 A1 9833802 A1 2001511776 T 6156739 A	15-09-2002 25-08-1998 10-10-2002 29-12-1999 06-08-1998 14-08-2001 05-12-2000
WO 9911624	A	11-03-1999	US AUU AUU AUU AUU AUU AUU AUU AUU AUU A	2002022636 A1 9297898 A 9298098 A 9298198 A 9298698 A 752768 B2 9299198 A 9374898 A 9812428 A 1278797 T 1009739 A2 1012145 A1 1012153 A1 0004693 A2 2002515072 T 2002512637 T 2002512637 T 2002511888 T 20001002 A 339082 A1 20001557 T2 6426415 B1 9911623 A1 9911623 A1 9911624 A1 9911624 A1 9911624 A1 9911628 A1 6197785 B1 2002028813 A1 6121278 A 6235748 B1 6380211 B1 9808010 A 9808011 A 9808013 A 9808015 A	21-02-2002 22-03-1999 22-03-1999 22-03-1999 26-09-2002 22-03-1999 26-09-2000 03-01-2001 21-06-2000 28-06-2000 28-06-2000 28-10-2001 21-05-2002 23-04-2002 27-04-2000 04-12-2000 22-01-2001 30-07-2002 11-03-1999 11-03-1999 11-03-1999 11-03-1999 11-03-1999 11-03-1999 11-03-1999 11-03-1999 11-03-1999 107-03-2002 19-09-2000 22-05-2001 30-04-2002 03-03-1999 03-03-1999 03-03-1999 03-03-1999
WO 9524379	A	14-09-1995	AT AT AU CA CA CN DE DE	184271 T 210651 T 231494 T 693167 B2 1856595 A 2184747 A1 2350941 A1 2352592 A1 1143358 A ,B 69512036 D1 69512036 T2 69524641 D1	15-09-1999 15-12-2001 15-02-2003 25-06-1998 25-09-1995 14-09-1995 14-09-1995 14-09-1995 19-02-1997 14-10-1999 30-12-1999 24-01-2002

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information on patent family members

ARCH REPORT	Inte pnal	— Application No	
ly members	PO 03/00708		
Patent family member(s)		Publication date	

Patent document cited in search report	di-	Publication date		Patent family member(s)	Publication date
WO 9524379	A		DE DE DK DK EP EP ES WO GR JP US US	69524641 T2 69529482 D1 749415 T3 879820 T3 0749415 A1 0879820 A1 0897915 A1 2135707 T3 2169472 T3 9524379 A1 3031886 T3 9510704 T 879820 T 6015827 A 6316455 B1 5756510 A	14-08-2002 27-02-2003 20-03-2000 02-04-2002 27-12-1996 25-11-1998 24-02-1999 01-11-1999 01-07-2002 14-09-1995 29-02-2000 28-10-1997 28-06-2002 18-01-2000 13-11-2001 26-05-1998
EP 1142881	Α	10-10-2001	AU EP WO	2004200 A 1142881 A1 0042025 A1	01-08-2000 10-10-2001 20-07-2000
WO 0248117	Α	20-06-2002	AU WO	2104702 A 0248117 A1	24-06-2002 20-06-2002
GB 1331522	Α	26-09-1973	DE AT AT AE CA CH CH CH LU NL US	2027645 A1 318628 B 317899 B 318615 B 768137 A1 951319 A1 558374 A 569732 A5 557829 A 2100726 A5 63267 A1 7107695 A 3984555 A	09-12-1971 11-11-1974 25-09-1974 11-11-1974 06-12-1971 16-07-1974 31-01-1975 28-11-1975 15-01-1975 24-03-1972 23-08-1972 07-12-1971 05-10-1976
US 4113868	A	12-09-1978	HU AU CH CS DD FI FR GB JP PL SU	172460 B 507798 B2 1820376 A 626074 A5 626072 A5 193563 B2 127444 A1 2643384 A1 762806 A ,B, 2326193 A1 1559985 A 50577 A 52057185 A 110639 B1 111251 B1 627752 A3	28-09-1978 28-02-1980 06-04-1978 30-10-1981 30-10-1981 31-10-1979 21-09-1977 02-06-1977 04-04-1977 29-04-1977 30-01-1980 30-12-1979 11-05-1977 31-07-1980 30-08-1980 05-10-1978